## **CLAIMS**

What is claimed is:

1. A method of generating register data for registers of a graphics system, the method comprising:

at least one of the steps of:

generating register data based on a request and writing the register data to the registers of the graphics system for execution; recording a command list of register data in memory as the register data is generated; and recalling a recorded command list of register data and submitting the command list to the graphics system for execution.

- 2. The method of claim 1, wherein the step of generating is conducted using a processor, and the steps of recording and recalling is conducted using hardware logic.
- 3. The method of claim 1, further comprising the step of modifying the recorded command list prior to the step of submitting.
- 4. The method of claim 1, wherein the step of recalling includes recalling a plurality of command lists and submitting the plurality of command lists to the graphics system for execution.

- 5. The method of claim 1, further comprising the step of receiving an indicator from an application indicating which of the at least one steps to conduct.
- 6. The method of claim 1, further comprising the step of determining which steps to conduct using an application program interface of the graphics system.

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7.	An application program	interface for	generating regis	ter data for	a graphics	system
based o	on a request, the interface	e comprising:				

a generate module that generates register data and writes the register data to the graphics system for execution;

a command list module including:

a record module that records register data generated by the generate module as a command list in memory;

a recall module that recalls a command list from memory and submits the command list to the graphics system for execution; and

a controller that determines which of at least one of the generate module, the record module and the recall module will be utilized to respond to the request.

- 8. The interface of claim 7, wherein the graphics system includes a graphics engine, a scaler and a command list processor.
- 9. The interface of claim 8, wherein the command list processor distributes register data to at least one of the graphics engine and the scaler.
- 10. The interface of claim 7, wherein the generate module utilizes a processor to generate the register data, and the command list module utilizes hardware logic.

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- 11. The interface of claim 7, wherein the generate module is configured to modify the command list prior to submitting the command list to the graphics system.
- 12. The interface of claim 7, wherein the recall module recalls a plurality of command lists and submits the plurality of command lists to the graphics system for execution.
- 13. The interface of claim 12, wherein the generate module is configured to modify the plurality of command lists prior to submission to the graphics system.
- 14. The interface of claim 7, wherein the controller determines which module to utilize based on an indicator from an application.

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a processor;

a memory;

a graphics system for generating graphics;

an application resident in memory;

an application program interface for the graphics system including:

means for generating register data and writing the register data to the graphics system;

means for recording in memory register data created by the means for generating as a command list of register data;

means for recalling a recorded command list from memory and submitting the command list to the graphics system; and

means for selectively controlling which of the means for directly writing, the means for recording and the means for recalling are utilized in generating the register data.

- 16. The system of claim 15, wherein the graphics system includes a graphics engine, a scaler and a command list processor.
- 17. The system of claim 16, wherein the command list processor distributes register data to at least one of the graphics engine and the scaler.

- 18. The system of claim 15, wherein the means for generating modifes the command list prior to the means for recalling submitting the command list to the graphics system.
- 19. The system of claim 15, wherein the means for recalling recalls a plurality of command lists and submits the plurality of command lists to the graphics system for execution.
- 20. The system of claim 19, wherein the means for generating modifies the plurality of command lists prior to submission to the graphics system.